

Anti-TREM1 hIgG1 Antibody(mAb0170)

Product information

GM-26834AB-10	10 µg
GM-26834AB-100	100 µg
GM-26834AB-1000	1 mg

Antibody Information

Species Reactivity	Human
Clone	mAb0170
Source/Isotype	Human IgG1, Kappa
Application	Flow Cytometry
Target	Detects TREM1
Gene	TREM1
Other Names	CD354, TREM-1
Gene ID	54210 (human)
Background	Trem1(myeloid cell triggering receptor 1) , a member of the immunoglobulin superfamily, is localized to human chromosome 6 and is mainly expressed on the surface of myeloid cells, such as neutrophil, monocyte, and macrophage, and is not expressed on the surface of myeloid cells, it plays a key role in infection, sterile inflammation (such as myocardial ischemia-reperfusion injury) , and the tumor microenvironment, promoting proinflammatory cytokine release by amplifying inflammatory signals, and promoting the release of inflammatory cytokines, it is closely related to graft dysfunction, autoimmune diseases such as inflammatory bowel disease, and cancer progression. Its soluble form STREM1 can be used as a biomarker of infection or inflammation to assist early diagnosis and prognostic evaluation.
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Flow cytometry

H_TREM1 HEK-293 Cell Line (Catalog # GM-C13365) was stained with Anti-TREM1 hIgG1 Antibody(mAb0170) (Catalog # GM-26834AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

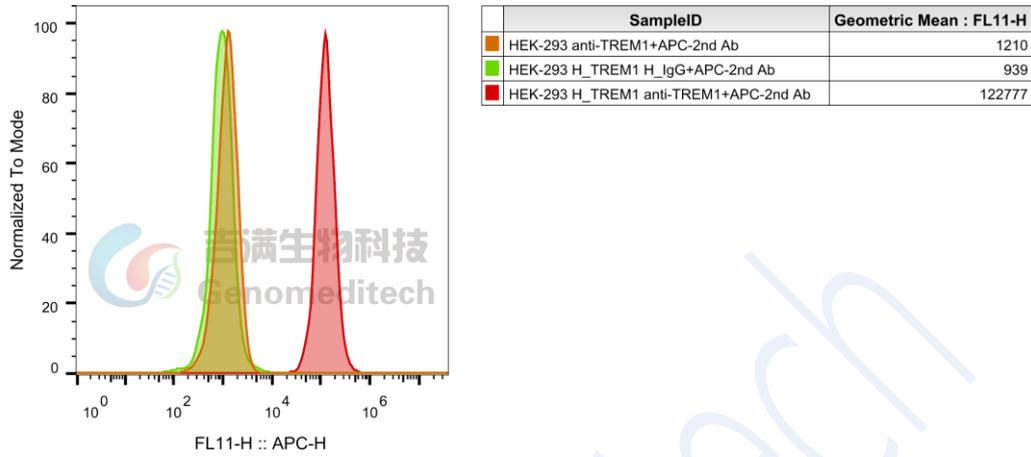


Fig. FACS